

1 BILL NO. S-82-12-13

2 SPECIAL ORDINANCE NO. S-242-82

3 AN ORDINANCE approving Change Order
4 No. 5 and Final, Resolution No. 312-80,
Concordia Gardens, Project No. C-180599-06,
5 in connection with the Board of Public Works.

6 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF
7 FORT WAYNE, INDIANA:

8 SECTION 1. That Change Order No. 5 and Final, Resolu-
9 tion No. 312-80, Concordia Gardens, Project No. C-180599-06,
10 with Weitzel Construction, Inc., in connection with the Board
11 of Public Works, for:

12 the adjustment of estimated quantities in
13 the contract unit price to conform with
actual quantities installed in order to
close out and complete the project;

15 involving a net increase in the amount of Fifty-Six Thousand
16 Three Hundred Twenty-One and 82/100 Dollars (\$56,321.82), all
17 as more particularly set forth in the specifications, and which
18 is on file with the Office of the Board of Public Works and is
19 by reference incorporated herein, made a part hereof and is hereby
20 in all things ratified, confirmed and approved.

21 SECTION 2. That this Ordinance shall be in full force
22 and effect from and after its passage and any and all necessary
23 approval by the Mayor.

24
25 
Paul M. Burns,
26 APPROVED AS TO FORM
27 AND LEGALITY
28 
29 Bruce O. Boxberger, City Attorney
30
31
32

Read the first time in full and on motion by Burns,
seconded by Stier, and duly adopted, read the second time
by title and referred to the Committee City Planner (and the City
Plan Commission for recommendation) and Public Hearing to be held after
due legal notice, at the Council Chambers, City-County Building, Fort Wayne,
Indiana, on 12-14-82, the 19 day of December, o'clock 10 A.M., E.S.T.

DATE: 12-14-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Read the third time in full and on motion by Burns,
seconded by Burns, and duly adopted, placed on its
passage. PASSED (UNANIMOUS) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
<u>TOTAL VOTES</u>	<u>9</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>BRADBURY</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>BURNS</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>EISBART</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>GiaQUINTA</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCHMIDT</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCHOMBURG</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>SCRUGGS</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>STIER</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u>TALARICO</u>	<u>✓</u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

DATE: 12-28-82

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne,
Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL)
(APPROPRIATION) ORDINANCE (RESOLUTION) NO. 2-242-82
on the 28th day of December, 1982.

ATTEST:

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

(SEAL)

Samuel J. Talarico
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on
the 24th day of December, 1982, at the hour of
11:30 o'clock A. M., E.S.T.

Charles W. Westerman
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 30 day of January
1983, at the hour of 10:30 o'clock A. M., E.S.T.

Win Moses Jr.
WIN MOSES, JR. - MAYOR

BILL NO. S-82-12-13

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON City Utilities TO WHOM WAS REFERRED AN
ORDINANCE approving Change Order No. 5 and Final, Resolution
No. 312-80, Concordia Gardens, Project No. C-180599-06, in
connection with the Board of Public Works

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE DO PASS.

PAUL M. BURNS - CHAIRMAN

MARK E. GIAQUINTA - VICE CHAIRMAN

JAMES S. STIER

JANET G. BRADBURY

ROY J. SCHOMBURG

DATE

12-28-82

CONCURRED IN
CHARLES W. WESTERMAN, CITY CLERK

CHANGE ORDER

Change Order No. 5 and Final
Project No. C-180599-06
Name of Project: "Concordia Gardens"

Resolution No. 312-80
Board Order No. 15-80
Date: Nov 19, 1982

To: Weitzel Construction, Inc.
(Contractor)

Gentlemen:

You are hereby requested to comply with the following changes from the contract plans and specifications:

The sum of \$ 56,321.82 is hereby (added to) (deducted from) the total contract price and the final contract price shall be adjusted as follows:

Original Contract Price

Current Contract Price Adjusted by Previous Change Order

New Contract Price including this Change Order

\$ 914,484.00

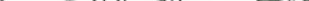
\$1146,757.00

~~§ 1203.078.82~~

The time provided for completion in the contract for this project is (unchanged) (increased) (decreased) by -0- calendar days due to this Change Order. The date for completion of all work shall be N/A. Furthermore, this document shall become an amendment to the ~~contract~~ and all provisions of the contract shall apply hereto.

Recommended by: *Alfred Carlson* Chief Engineer

Date Nov 191982

Accepted by:  Contractor

Date July 16, 1920

Approved by: *John P. Bolger* City Engineer

Date 12-23-1987

Approved by: Owner

Rate: 1.34/62

Attested by: Sandra E Kennedy Clerk

Clark

Date: 11/24/83

ATTACHMENT TO CHANGE ORDER

St. Joe Study Area C-180599-06 - B.O. 15-80
 Resolution 312-80 "Concordia Gardens"
 Weitzel Construction, Inc., Contractor

Item No.	Description of Change			Change in Contract Price	
	Quantity	Description	Unit Price	Decrease	Increase
1	19.5 LF	8" Sewer Pipe	17.10	333.45	
2	173.1 LF	10" Sewer Pipe	19.55	3,384.10	
3	26.5 LF	12" Sewer Pipe	20.00		530.00
4	2 EA	Std. MH Type I-A	1,100.00	2,200.00	
5	1 EA	Std. Cleanout	259.00		259.00
7	13 EA	6" 'T' or 'WYE' Tap Unit w/cap, plug	35.00		455.00
8*	125 LF	6" Building Sewer Pipe	10.90		1,362.50
9	278 CY	Special Backfill	9.50	2,641.00	
0	402 CY	#53 or #73 Special Backfill	13.35	5,366.70	
1	200 SY	6" Asphalt (Streets)	15.20	3,040.00	
2	784.3 SY	4" Asphalt (Driveways)	15.40		12,078.22
3	70 SY	6" Concrete (Driveways)	20.00	1,400.00	
4	82 SY	6" Stone Surface (Driveways)	3.70		303.40
5	5250 SY	2" Asphaltic Surface (streets)	3.40		17,850.00
6	1000 SY	Double chip and seal	2.67	2,670.00	
7	4700 SY	Seeding and 2" Mulch	0.85		3,995.00
8	2066 LF	4"-12" Tile Replacement	6.25		12,912.50
9	500 LF	15"-18" Tile Replacement	12.50	6,250.00	
Non-Grant Eligible Items			Total Decrease		
			Total Increase	CONTINUED	
Net (Decrease)(Increase)			Contract Price		

Change Order No. 5 and Final

Resolution No. 312-80

Board Order No. 15-80

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: _____

See Attached Justification

2. Will proposed change alter size of the project? Yes No X
If yes, explain

3. Affect on operation and maintenance cost of this project:

N/A

Gregory J. Merrill 11/16/82
Project Engineer

ITEM	DESCRIPTION	ORIGINAL BID UNITS	UNIT PRICE	C.Q. NO.	CHANGE ORDER UNITS +/-	REVISED ESTIMATED QUANTITIES	FINAL QUANTITIES	EXTENSION FINAL CONTRACT
1	8" Sewer Pipe	14,510± LF	17.10	5	(19.5 LF)	14,490.5 LF		247,787.55
2	10" Sewer Pipe	4,730± LF	19.55	5	(173.1 LF)	4,556.9 LF		89,087.40
3	12" Sewer Pipe	1,583± LF	20.00	5	26.5 LF	1,611.5 LF		32,230.00
4	Std. Manhole Type I-A	69± EA	1,100.00	5	(2 EA)		67 EA	73,700.00
5	Std. Cleanout	5± EA	259.00	5	1 EA		6 EA	1,554.00
6	Std. Manhole Type VI-A	5± EA	1,500.00				5 EA	7,500.00
7	6" 'T' or 'WYE' Tap Unit w/cap, plug	336± EA	35.00	5	13 EA		349 EA	12,215.00
8*	6" Building Sewer Pipe	8,500± LF	10.90	5	125 LF		8,625 LF	94,012.50
9	Special Backfill	2,700± CY	9.50	1	4600± CY	7,300± CY		
				3	5000± CY	12,300± CY		
				5	(278 CY)		12,022 CY	
10	#53 or #73 Special Backfill	9,500± CY	13.35	1	(6500± CY)	3,000± CY		114,209.00
				3	1800± CY	4,800± CY		
				5	(402 CY)		4,398 CY	
11	6" Asphalt (Streets)	200± SY	15.20	5	(200 SY)	None		58,713.30
12	4" Asphalt (Driveways)	850± SY	15.40	5	784.3 SY			
13	6" Concrete (Driveways)	1,450± SY	20.00	5	(70 SY)		1,634.3 SY	25,168.22
14	6" Stone Surface (Driveways)	900± SY	3.70	5	82 SY		1,380 SY	27,600.00
15	2" Asphaltic Surface (Streets)	20,000± SY	3.40	1	26,315± CY	46,315± SY		3,633.40
				5	5,250 SY		51,565 SY	
16	Double Chip and Seal	1,000± SY	2.67	5	(1,000 SY)	None		175,321.00
17	Seeding and 2" Mulch	34,000± SY	0.85	5	4,700 SY		38,700 SY	32,895.00
18	4"-12" Tile Replacement	500± LF	6.25	1	4,000± LF	4,500± LF		
				3	3,000± LF	7,500± LF		
19	15"-18" Tile Replacement	500± LF	12.50	5	(500 LF)	None	9,566 LF	59,787.50

FINAL QUANTITIES

PROJET : "CONCORDIA GARDENS"

ORIGINAL CONTRACT - \$ 914,484.00
REVISED CONTRACT - \$1,146,757.00

SUPPLEMENT
NON-GRANT ELIGIBLE ITEMS

JUSTIFICATION FOR CHANGE ORDER #5 and FINAL
St. Joe Study Area C-180599-06 - B.O. 15-80
Resolution 312-80 "Concordia Gardens"

WEITZEL CONSTRUCTION, Contractor

Items #1, 2, 3 and 22

Final field measurements indicate mostly decreases in the actual pipe in-installed after deducting manholes, etc.

Items #4 and 5

Due to certain field alignments, the Engineering Department managed to save two (2) manholes and adding one (1) cleanout.

Items #7 and 8

Actual taps installed for each residence and/or lot have increased slightly. Item #8 also shows a slight increase and it is non-grant fundable.

Items #9 and 10

Final tabulation of O.D.+30" calculations and stone ticket tabulations show a slight decrease. Special backfill was used whenever sewers were running parallel and under the street pavement. #53 or #73 special backfill was used when sewers crossed a street at an angle and was also used for trenches to a depth of 1-2t VF from the ground surface for subbase.

Items #11, 15, 29, 30, 31, 32 and 33

All the above items shall be discussed together since they are all inter-related. As was stated in a previous change order, there are two (2) categories of streets in Concordia Gardens. (1) unaccepted streets, which are not maintained by the County, and, (2) accepted streets which are maintained by the County. It was also stated in previous change orders that this subdivision experienced severe ground water problems and a majority of the streets were totally deteriorated. The Engineering Department quickly realized that the original 2" asphalt surface course would not suffice considering that it has no strength to it, and any monies spent in restoring deteriorated streets with surface course would be wasted. The following decisions were arrived at in conjunction with the County and the Engineering Department.

The unapproved streets received a 1" levelling course of #11 Binder and then a 1" of surface course, thus splitting the original 2" asphalt course. For the above, negotiations were completed with the contractor (letters attached), that on the first asphalt course the contractor will use it to level the street, which would mean that the asphalt could overrun from its true 1" thickness. Therefore, it was agreed upon that any overrun on this first lay would be compensation to the contractor at \$30.91/Ton as stated in Item #31. It was also agreed that the contractor would be compensated an additional \$0.17/SY per measured quantity for making two lays since the original bid item was for one lay.

Item #32 in this Change Order includes this extra compensation.

The approved streets received a 2" levelling course paid at unit bid price but no compensation for any overruns. In addition to this, the approved streets also received a 1" surface course which was included under Change Order #4.

Furthermore, Garden Park Drive between Woodbrook and Leo Road received additional asphalt in trench cuts and then a 2" asphalt surface overlay. Cores taken on this stretch revealed that Garden Park Drive was the only street which had over 5" of asphalt. Therefore, the City was obligated to put back something at least equal. The original quantity is bid item #11 of 6" asphalt was not enough and furthermore, actual pavement cut on Garden Park was much more than anticipated and in order to save some monies, the Engineering Department came to an understanding with the County that all trenches will be patched with 3" asphalt binder, plus a 2" surface overlay. Item #30 is therefore a new item, which was negotiated with the contractor in lieu of the 6" asphalt bid item.

Another new item has been added in this change order which is primer. The streets were so deteriorated that places where there was no pavement left needed primer cost instead of tack. As stated in the attached letter, the contractor was compensated only the difference in the rate of application between primer and tack cost. A brief quantity summary which gives a true picture of asphalt restoration is as follows: A comparison was done between measured quantity and actual asphalt laid per weigh tickets:

Quantity and Pay Summary

1) Unapproved Streets

Total Measured Quantity	=	34,753 SY
Actual #11 Binder Layed (1" levelling course)	=	2,247.86 Tons
Should have layed 1" or 110 #/SY	=	<u>1,911.42 Tons</u>
Overrun	=	+ 336.88 Tons
Actual B Surface layed 1"	=	1,939.95 Tons
Should have layed	=	1,911.42 Tons
No pay for surface overrun, contractor absorbs any surface overrun.		

2) Approved Streets

(i)	<u>3" Binder Trench Cuts on Garden Park Drive between Woodbrook and Leo Road</u>	
	Measured Quantity	899.86 SY
(ii)	<u>2" Asphalt Overlay - Garden Park Drive Only</u>	
	Measured Quantity	4,027.00 SY
(iii)	<u>2" Asphalt levelling Course</u>	
	Actual measured quantity (Garden Park Drive not included)	15,655.00 SY
	Actual asphalt layed	1,406.45 Tons
	Should have layed @ 2" or 220 #/SY	<u>1,722.00 Tons</u>
	Credit	315.55 Tons

Therefore, the Engineering Department just paid the actual tonnage placed.

$$1,406.45 \text{ Tons} \times 2000 \text{ #/Ton} / 220 \text{ #/SY} = \underline{12,785.00 \text{ SY}}$$

which is less than the measured quantity.

(iv)	<u>1" Asphalt Surface</u>	
	Actual measured quantity (same as 2")	<u>15,655.00 SY</u>
	Actual Surface layed	820 Tons
	Should have layed	861 Tons

Again, the Engineering Department paid just the actual tonnage place
820 Tons $\times 2000 \text{ #/Ton} / 110 \text{ #/SY} = \underline{14,900.00 \text{ SY}}$

Therefore, in the above two cases (iii and iv), the Engineering Department managed to deduct approximately 3,625 SY from the measured field quantity.

Pay Summary

1.	Bid Item #15 - 2" Asphalt Course	
	34,753 SY (unapproved) + 4,027 SY (Garden Park) (APPROVED)	<u>+12,785 SY</u> <u>51,565 SY</u>
2.	Bid Item #29 - 1" asphalt course	
	14,900 SY (approved Streets)	<u>14,900 SY</u>
3.	Bid Item #30	
	3" Asphalt Binder (trench cuts - Garden Park)	<u>899.86 SY</u>
4.	Bid Item #31	
	Asphalt Overrun - unapproved streets	<u>336.88 Tons</u>
5.	Bid Item #32	
	Asphalt - two (2) lays unapproved streets only	
	34,753 SY	<u>34,753 SY</u>

6. Bid Item #33
Primer 18,500 SY x 0.20 gal/SY = 3,700 gallons

Items #12, 13, 14 and 17

The above items basically reflect field measured quantities. Item #12, "asphalt drives" however reflect a substantial increase from the original bid quantity. The major reason for this is that most of the sewers were moved from one side of the street to the other because of gas main conflict. Therefore, as it turns out, there were more asphalt drives on the side where the sewer is now in comparison to the previous side.

Item #17 also reflects a minor increase, but actual seeding done on this project was almost three (3) times more in comparison to what the contractor has been compensated.

Item #16

No double chip and seal was required on this project.

Items #18, 19 and 20

The 4"-12" field tile replacement and culvert replacement was discussed in-depth in previous change orders and increases were included in two separate change orders. The final change order again is also representing a substantial increase and, again, it must be pointed out that this bid item was very difficult to estimate previously. We kept a very close control on this item and the final quantity is based on field inspector's reports. No 15"-18" tile replacement was done on this project.

Item #24

Minor fence replacement was done on this project.

Item #26

This item shows a slight increase and it was pointed out in previous change orders this project experienced severe ground water problems. Almost 70% of the project involved stabilizing the base for pipe laying.

Item #34

In previous discussions with the contractor, it was agreed upon that due to bad ground conditions any heavy dirt which may enter the pipe during pipe laying would be cleaned out completely. As was discussed in previous change orders, dewatering would have been excessively expensive on this project and, therefore, the Engineering Department took the cheaper route in compensating the contractor for over excavation and then reimbursing for any major sewer cleaning which might be required. The over excavation item was included in a previous change order. However, this item has been deemed non-grant eligible.



ADDITIONAL DATA

THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

engineering department

7th floor

August 3, 1982

Weitzel Construction Co. Inc.,
5859 E. 25th St.
Indianapolis, IN 46218

Subject: CONCORDIA GARDENS SANITARY SEWER - ST. JOE STUDY AREA
C-180599-06 B.O. 16-80 RES. NO. 312-80

Attention: Kenneth R. Newmeister:

Dear Ken:

This letter is to confirm the prices submitted in your correspondence of 7-23-82 which will supercede those submitted on 7-12-82. All prices as stated in your letter will be recommended to the Board of Public Works in Change Order No. 4.

We would like also to clarify a point in your letter. Under Sec I(b), we concur with the prices and application rates but our compensation to you will only be for the difference between tack and prime. That would be as follows:

Where directed by our Engineer, a prime coat will be applied in lieu of a tack coat and compensation will be the price differential. That is at

2.05/gal @ the application rate of
.35/SY - .15/SY or .20 gal/SY

Should you have any questions, please feel free to contact Jeff Behrana or the undersigned directly at (219) 423-7061.

Yours truly,

C. Duane Embury (pp)

C. Duane Embury, P.E.
Chief Water Pollution Control Engineer

cc: Merrill
Behrana
File
Chrono

Weitzel

CONSTRUCTION CO., INC.
5859 E. 25th Street
INDIANAPOLIS, INDIANA 46218

July 23, 1982

Water Pollution Control Engineering Department
Room 700, City-County Building
One Main Street
Fort Wayne, Indiana 46802

RECEIVED

JUL 23 1982

Attn: Mr. Gregory J. Merrill, Project Engineer

Water Pollution Control Engr. Dept.
City-County Building, One Main St.
Ft. Wayne, Indiana 46802

Re: Concordia Gardens Sanitary Sewer
Resolution 312-80
Modifications to Asphalt Paving Requirements

Dear Mr. Merrill:

We wish to confirm the verbal agreements made for the following modifications to the asphalt paving on the above captioned project.

I. Unapproved Streets

(a) The two inch (2") thick surface course layed in a single lift is hereby modified to one inch (1") of #11 binder course and one inch (1") surface course for which we will be paid an additional \$0.17 per square yard. The one inch (1") of #11 binder course will also serve as a leveling course. Any Additional tonage which is required for the one inch (1") leveling course will be paid for at the rate of 30.91 per ton in place.

(b) The price of primer, or penetrating oil, shall be \$2.05 per gallon in place, and shall be applied at the rate of ~~0.37~~ 0.20 gallons per square yard, on those areas designated by the inspector, or other city personell.

The price for tack shall also be \$2.05 per gallon in place, and shall be applied at the rate of 0.15 gallons per square yard, on those areas not primed. Our present contract price includes the tack coat.

II. County Approved Streets

(a) All trench cuts in Garden Park drive will be patched with three inches (3") of #9n binder at a cost of \$13.00 per square yard in place. Then a two inch (2") overlay of Type B surface will be placed in one lift on Garden Park drive at our original bid price of \$3.40 per square yard.

Mr. Gregory J. Merrill

July 23, 1982

/cont./

- (b) All other county approved streets in Concordia Gardens will receive two inches (2) of #9 binder, placed in one lift and one inch (1") of Type "B" surface, placed in one lift, for which we will be paid \$3.40 per square yard for the two inches (2") of #9 binder and \$1.93 per square yard for the one inch (1") of Type B surface.
- (c) The prices for penetrating oil and tack for the county approved streets shall be the same as mentioned above for the unapproved streets and shall be applied at the same rates per square yard.

If you need any other information, please call or write.

Very truly yours,

Kenneth R. Neumeister
Kenneth R. Neumeister

(2)

Weitzel

CONSTRUCTION CO., INC.
5859 E. 25th Street
INDIANAPOLIS, INDIANA 46218

RECEIVED

July 12, 1982

JUL 14 1982

Water Pollution Control Engr. Dept.,
City-County Building, One Main St.,
Fort Wayne, Indiana 46802

Water Pollution Control Engineering Department
Room 700, City-County Building
One Main Street
Fort Wayne, Indiana 46802

Attn: Mr. Gregory J. Merrill, Project Engineer

Re: Concordia Gardens Sanitary Sewer
Resolution 312-80
Modifications to Asphalt Paving Requirements

Dear Mr. Merrill:

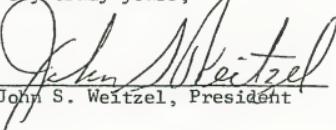
We wish to confirm the verbal agreement made today for the modifications to the asphalt paving on the above captioned project.

- (a) The two inch (2") thick surface course layed in a single lift is hereby modified to one inch (1") binder course and one inch (1") surface course, for which we will be paid an additional \$0.17 per square yard.
- (b) The price of primer, or penetrating oil, shall be \$2.05 per gallon in place, and shall be applied at the rate of 0.35 gallons per square yard, on those areas designated by the inspector, or other City personell.

The price for tack coat shall also be \$2.05 per gallon in place, and shall be applied at the rate of 0.15 gallons per square yard on those areas not primed. Our present contract price includes tack coat.

Our goal is to complete the asphalt paving by the end of July.

Very truly yours,


John S. Weitzel, President



THE CITY OF FORT WAYNE

CITY-COUNTY BUILDING • ONE MAIN STREET • FORT WAYNE, INDIANA 46802

engineering department
7th floor (219) 423-7061

16 July 1982

Allen County Highway Department
Calhoun @ Superior
Fort Wayne, IN 46802

Attention: Howard Biggs, P.E.

Reference: St. Joe Study Area C-180599-06 - B.O. 15-80
Resolution 312-80 "Concordia Gardens"

Dear Howard:

This correspondence is a follow-up to your telephone conversation on 15 July 1982 with Gregory J. Merrill, Project Engineer, of our Department concerning the street restoration for the above-referenced project.

The following is a confirmation of our intentions for restoration of the street surfaces in Concordia Gardens:

1. Unapproved County Roadways

Clean road surface, prime or tack all areas, lay one (1") inch wedge and level course #11 Binder asphalt and top with one (1") inch State B mix surface asphalt.

2. Approved County Roadways

(a) Garden Park Drive - West of Woodbrook - clean remaining asphalt surface, prepare trench cuts for three (3") inch asphalt repair, repair cuts with three (3") of #9 binder and top full width of surface with one two (2") inch state B mix surface asphalt.

(b) All other county approved roadways - clean remaining asphalt surfaces, grade or bring to grade those areas disturbed by sewer construction (this is to be done with #53-#73 crushed limestone), repair any additional areas which appear to be problem areas with suitable stone base material, lay a two (2") inch wedge and level course #9 binder asphalt and top with one (1") inch state B mix surface asphalt.

Allen County Highway Department
16 July 1982
Page 2

3. Upon completion of the above, the shoulder areas will be restored by regrading existing soil against the pavement and applying grass seed and one (1") inch mulch.

All of the above restoration completed under our contract will be covered by a one-year maintenance bond from Weitzel Construction on file at the Board of Public Works.

Should you have any additional questions, please feel free to contact Gregory J. Merrill, Project Engineer, or the undersigned directly at 423-7061.

Sincerely,



C. Duane Embury, P.E., Chief
Water Pollution Control Engineer

CDE/GM/ns

cc: Board of Public Works
Greg Merrill
Jeff Behrana
File 312
Chrono

TITLE OF ORDINANCE Change Order #5 and FINAL, Resolution #312-80, Concordia Gardens,
Project C-180599-06
DEPARTMENT REQUESTING ORDINANCE Board of Public Works

SYNOPSIS OF ORDINANCE This is a close out change order to adjust the estimated
quantities in the contract-unit price to agree with actual quantities
installed under this project. Contractor is Neitzel Construction, Inc.

S-82-12-13

EFFECT OF PASSAGE Completion of project.

EFFECT OF NON-PASSAGE

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) Increase of \$56,321.82.

ASSIGNED TO COMMITTEE